Green Masonry Fireplaces

According to the US EPA, wood smoke emissions from masonry fireplaces are currently among the most significant health risks in the US.

The HearthCAT™ Fireplace Technology is the solution for the emission control of masonry fireplaces. New regulatory standards from EPA for wood burning masonry fireplaces will require all masonry fireplace new construction to meet new stricter wood smoke particulate emission requirements.

The only passive technology that will meet the new emissions requirements for masonry fireplace new construction is the HearthCAT™ Fireplace Technology from Clear Skies Unlimited.

About Us

The Green Fireplace Builders Coalition was founded in 2009 by Clear Skies Unlimited Inc. to provide Air Quality Regulators, Homebuilders, Architects, Hearth Retailers, Chimney Sweeps and Homeowners with EPA Phase II Qualified sources for the World’s Cleanest Wood Burning fireplaces.

Each member of the Green Fireplace Builders Coalition has successfully integrated the HearthCAT™ into their wood burning appliances to meet the “World’s Cleanest Wood Burning Fireplaces”.

We will continue to expand our list of EPA Qualified wood burning fireplaces to preserve our air quality for future generations.

Building a Better Tomorrow

Green FIREPLACES

Clear Skies Unlimited began working on a solution to the problem of wood burning fireplace pollution over 10 years ago. Knowing that EPA would eventually regulate wood burning fireplaces nationwide, we began a research and development effort that involved years of emissions testing on every conceivable fireplace type, design and configuration with special emphasis on the open hearth masonry fireplace.

Our goal was to design, develop and test a totally passive emission control device for wood burning fireplaces that was easily installed, affordable to the consumer and acceptable to the EPA for wood burning fireplace installations across the United States.

We accomplished our goal and exceeded all expectations with the successful development of the HearthCAT™ Fireplace Technology for reducing harmful fireplace emissions. The HearthCAT™ received the 2009 Clean Air Excellence Award from EPA for New Technology Development.

The HearthCAT™ Emission Control Technology is a patented catalytic system designed and developed especially for wood burning fireplaces. The HearthCAT™ is positioned directly above the fireplace grate and mechanically attached to the walls of the firebox. The HearthCAT™ Hood captures the smoke and particulates while most of the dilution air bypasses the hood and travels up the primary flue system. The HearthCAT™ System provides secondary ignition for the wood smoke before it leaves the firebox as harmful pollution. The direct flame on the catalytic surface actually cleans the catalytic system. This is the only passive technology available for reducing fireplace emissions. No gas or power is required and there are no moving parts.

“The We Can Save the Wood Burning Fireplace”

Sweeping Magazine featured an article in the October 2010 issue entitled “We Can Save the Wood Burning Fireplace”. The article discusses the threats by Air Quality Regulators to the use of wood fuel as a renewable energy.

It is expected that by 2012, wood burning fireplaces will be required to meet a new EPA emissions limit projected to be @ 5.1 grams of particulates for each kilogram of wood burned (g/kg) or even lower. If this plan is implemented by EPA and a fireplace doesn’t meet this new emissions limit, it cannot be legally installed. Builders, homeowners and wood burning Americans across the country should be paying attention. Fortunately, the HearthCAT™ meets the new EPA emission requirements in all wood burning fireplace applications.
Clean Open Hearth Wood Burning From Earthcore

Cleanest Masonry Fireplace

The EPA Phase II Qualified Isokern Standard GreenTech Fireplaces from Earthcore are open hearth masonry wood burning fireplaces that meet the new U.S. EPA Phase II particulate emissions standards for wood burning fireplaces. They were emissions tested @ 2.9 g/kg. This Performance makes the Isokern the cleanest masonry fireplace in the world. The Isokern fireplace systems are modular masonry fireplaces that are easier to install, lightweight and more efficient than any other masonry alternatives.

The modular design of the Isokern system allows for more diverse, lightweight installations. The Isokern GreenTech Model is a refractory modular fireplace constructed from volcanic pumice. The pumice material reflects the heat back into the living area. This clean burning affordable site-built unit is ready now to be specified and installed in homes and projects nationwide. Contact Earthcore Industries for more information about the GreenTech Series of clean burning fireplaces.

The GreenTech Catalytic Fireplace from Earthcore Industries is the most affordable EPA Approved clean burning technology for masonry fireplace new construction.

For More Information Contact

Earthcore
1-800-642-2920
www.earthcoreindustries.com

Isokern Standard Fireplace

Testing & Performance

The Isokern Standard fireplace has been EPA Qualification Tested at Omni Environmental Testing Laboratories in Portland, OR. The testing was performed to ASTM E-2558 as required by the US Environmental Protection Agency. Harmful wood smoke particulate emissions were reduced by 80%. VOC’s and Carbon Monoxide emissions were reduced by 90%

Test Reports available upon request.

Isokern Standard 36 Fireplace EPA Phase II Qualified

Emissions @ 2.9 g/kg

EPA PHASE II QUALIFIED
Wood Burning Fireplaces

From FMI Products LLC

Cleanest Burning 50” Fireplace

FMI Products LLC is one of the largest manufacturers of factory built fireplaces in the world. They have over 50 EPA Phase II Qualified wood burning fireplace Models in their PureFire Series. They are the only manufacturer to offer a complete line of EPA Phase II Qualified wood burning fireplaces.

The EPA Phase II Qualified Factory Built Purefire Fireplaces from FMI Products are open hearth wood burning fireplaces that meet the new U.S. EPA Phase II particulate emissions standards for wood burning fireplaces.

For More Information Contact

FMI Products LLC
1-866-328-4537
www.fmiproducts.com

Emissions @ 4.4 g/kg

PureFire Catalytic System

Wood Fireplace Retro-Fit Kits

The HearthCAT™ Fireplace Retro-Fit Technology is being installed in all types of wood burning fireplaces across the US and Canada.

According to U.S. Environmental Protection Agency, there are over 20 million existing unregulated wood burning masonry fireplaces that continue to pollute the air we breathe.

The HearthCAT™ Retro-Fit System for masonry fireplaces reduces harmful wood smoke pollution by 80%. It's easily installed, doesn't require any power or gas doesn't have any moving parts and is invisible to the homeowner.

Contact your local chimney sweep for more information on the HearthCAT™.

Clear Skies Unlimited Inc
11208 Cochiti SE
Albuquerque, NM 87123
www.clearskiesunlimited.com

Emissions @ 4.8 g/kg

Builder Box Fireplace

50” Georgian Fireplace

EPA Phase II Qualified

GreenTech Catalytic System

Isokern Standard Fireplace

GreenTech Georgia 50” Wood Burning Fireplace EPA Phase II Qualified

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Isokern Standard 36 Fireplace EPA Phase II Qualified

Emissions @ 2.9 g/kg

OMNI II

Clean Burning Fireplaces Powered by the

HearthCAT™